

Title (en)
REFRIGERATION CYCLE APPARATUS

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
APPAREIL DE CYCLE DE RÉFRIGÉRATION

Publication
EP 3203164 B1 20210414 (EN)

Application
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Priority
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Abstract (en)
[origin: EP3203164A1] A refrigeration cycle apparatus according to the present disclosure includes an evaporator, a first compressor, an intercooler, a second compressor, a condenser, and a refrigerant liquid supply passage. The intercooler stores refrigerant liquid and also cools refrigerant vapor compressed by the first compressor and expels it. The second compressor sucks in the refrigerant vapor expelled from the intercooler and compresses it. The intercooler includes a container, an intercooling passage, and a pump. The container contains a vapor space and stores refrigerant liquid. The intercooling passage is a passage in which a part of the refrigerant liquid stored in the container flows and that supplies the part of the refrigerant liquid to the vapor space. The pump pumps a part of the refrigerant liquid stored in the container to the vapor space.

IPC 8 full level
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Citation (opposition)
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